



**The vision of the Kentucky Division of Energy is a healthier, more prosperous and sustainable future through the wise use of energy that includes:**

**Awareness  
Technology development  
Energy preparedness  
New partnerships  
and  
Resources.**



## **Kentucky Division of Energy**

**Department for Natural Resources  
Environmental and Public Protection Cabinet**

### **Investing in Kentucky's energy future**

The Kentucky Division of Energy (KDOE) seeks innovative solutions to the energy issues that face residents of the Commonwealth.

As part of that mission, KDOE searches for answers that benefit not only our energy and environmental future, but our economy as well.

Kentucky Revised Statutes direct KDOE to establish and implement programs for the conservation, development and utilization of energy in a manner to meet the needs of Kentuckians while maintaining the state's economy at the highest feasible level.

KDOE does this by providing the following:

- Development and implementation of energy-efficiency programs involving all sectors of the Kentucky economy;
- Promotion of the use of renewable energy technologies when economically feasible, including solar, biomass and alternative fuels;
- Central access for data and information on all forms of energy supplies, demand, efficiency and related topics; and
- Formulation of a contingency plan to cope with energy emergencies.

### **KDOE/UK partnership educates thousands of Kentuckians about ENERGY STAR**

The University of Kentucky (UK) Cooperative Extension Service and KDOE began a partnership in 2002 to provide energy efficiency and renewable energy education to Kentucky's consumers. Through a grant provided by KDOE, the UK Cooperative Extension Service provides ENERGY STAR information statewide through its network of county extension agents.



KDOE funding support also helps the UK Cooperative Extension Service supervise the creation of the Kentucky State Fair ENERGY STAR exhibit, train Cooperative Extension staff about the display and take the display to other events across the state throughout the year.

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**Above: The UK Cooperative Extension Service coordinated the Kentucky State Fair ENERGY STAR exhibit, featuring a model home. Right: Robert Fehr, Ph.D., a UK Cooperative Extension Service employee, and Lola Lyle, a KDOE employee, describe the ENERGY STAR exhibit to Governor Fletcher and EPPC Secretary LaJuana Wilcher.**





**ENERGY STAR appliances showcased at the 2004 Kentucky State Fair ENERGY STAR exhibit.**

The ENERGY STAR state fair exhibit featured a home model (144 square feet) that demonstrated construction and remodeling techniques that can help reduce energy costs. The model featured 70 opportunities to save energy, including topics such as installing ventilation, rough-in wiring, insulation and ductwork. The exhibit also displayed ENERGY STAR lighting, windows and appliances. The ENERGY STAR exhibit was in partnership with the UK College of Agriculture "Healthy Homes" exhibit. The "Healthy Homes" exhibit focused on indoor air quality, radon awareness, moisture control in the home, lead paint in older homes and family health. Regional ENERGY STAR partners aiding in the display included Trane, General Electric and Champion Window.



**The Healthy Home display at the 2004 Kentucky State Fair.**

During the fair, the ENERGY STAR exhibit was viewed by more than 85 percent, or about 540,000, of the 637,327 state fair attendees. In 2004, the exhibit was taken to over 21 events across the state, such as home shows, conferences and area fairs.

### **KDOE & HUD partner to promote ENERGY STAR**

In 2004, KDOE began partnering with the Kentucky Offices of the U.S. Department of Housing and Urban Development (HUD) to make low-income housing more energy efficient. KDOE provided presentations at two HUD conferences with one featuring an ENERGY STAR showcase with nine ENERGY STAR partners participating in the conference's trade show.

Also in 2004, Kentucky served as the pilot state for a new ENERGY STAR appliance bulk-purchasing program. The main purpose of the project was to test the feasibility and accessibility of the program Web site. It was created to aid in the bulk purchasing of ENERGY STAR compliant refrigerators, but could also be used for other appliances. The pilot project expired on September 1, and its effectiveness is now being evaluated.

**Last year, ENERGY STAR helped Americans save enough energy to power 20 million homes.**

### **ENERGY STAR sets superior energy efficiency standards**

ENERGY STAR, sponsored by the U.S. DOE and the U.S. Environmental Protection (EPA), is a voluntary government/industry partnership program that sets superior energy efficiency standards for products and buildings.

Appliances, heating and cooling, electronics, lighting, office equipment and commercial equipment are eligible for an ENERGY STAR rating. New and existing homes can also be ENERGY STAR certified. Information is provided on the ENERGY STAR Web site at [www.energystar.gov](http://www.energystar.gov).

### **Funds secured for Kentucky**

Eighty percent of KDOE's baseline funding is provided by the U.S. Department of Energy (U.S. DOE).

The State Energy Program (SEP) is a state-based program funded by the U.S. DOE that provides resources to the states for their deployment in addressing local needs and opportunities. Many of Kentucky's energy initiatives are possible only because of SEP seed funding.

Most of the programs and projects mentioned in this report have been funded by the SEP, SEP Special Project grants or a combination of these sources matched with private support.

**KDOE achieved a 20-to-1 return on every state-appropriated dollar. Nationally, every \$1 in SEP funding yields \$7.23 in annual energy cost savings.**

### **Partners help KDOE achieve common goals**

More than 100 active partner organizations help KDOE support and achieve its goals.



These partners include farm organizations, civic groups, industries, retailers, utilities, home builders, manufacturers, universities, schools, professional organizations, municipalities, nonprofit organizations, and county, state and federal government agencies.

### **Kentucky Clean Fuels Coalition**

KDOE, through an SEP grant, provides funding for a director of the Kentucky Clean Fuels Coalition (KCFC). KCFC aggressively supports clean fuel projects across the Commonwealth. KCFC was instrumental in introducing the first three biodiesel BP stations in Northern Kentucky. These stations will sell about 300,000 gallons of B2 (2% biodiesel) annually. KCFC also helped Max Arnold & Sons, LLC offer an ethanol blend at their Max Fuel retail locations in 10 counties in Western Kentucky, which will use ethanol from the Commonwealth Agri-Energy ethanol plant in Hopkinsville. The plant started production in early 2004 and produces in excess of 20 million gallons a year supplying Jefferson County, Northern Kentucky, St. Louis and East Coast states with ethanol.



***EPPC Secretary Wilcher opens the valve to allow ethanol to be pumped into one of the 45 retail sites supplied by Max Fuel.***

In 2004, KCFC managed a \$40,000 SEP grant that made biodiesel available to municipalities by directly buying down the additional cost of biodiesel in comparison to conventional diesel fuel. This project demonstrates the feasibility of using biodiesel in fleet operations.



***Ethanol plant in Hopkinsville, Ky. KCFC, in cooperation with KDOE, the Kentucky affiliate of the National Energy Education Development (NEED) Program, the National***

Biodiesel Board and the National Soybean Board, sponsored a biodiesel workshop in May 2004 for school system personnel who have decision-making authority over vehicles and fuels.

### **Mammoth Cave receives national award**

Mammoth Cave National Park (MCNP) was recognized the U. S. DOE for the leadership it has shown in utilizing clean fuels throughout the park. The National Partner Award was presented to the park superintendent at the 10th Annual U. S. DOE Clean Cities Conference.

MCNP was the first national park to install an E85 (85% ethanol blend) refueling site on park property. In addition, the park ferries that travel the Green River operate on biodiesel.

KDOE has supported MCNP in building clean energy infrastructure facilities through SEP grants.



***A biodiesel fueled ferry at Mammoth Cave National Park.***

### **Biodiesel in Kentucky**

The Kentucky Biodiesel Showcase in Frankfort on January 15 featured biodiesel success stories from around the Commonwealth. Nearly 150 participants, including two dozen legislators, agriculture commodity groups and farmers, heard a discussion on policy and perspectives related to biodiesel use, information on production and distribution and a national



***EPPC Secretary Wilcher speaking at the 2004 Biodiesel Showcase.***

perspective on biodiesel. The Showcase sponsors included KDOE, KCFC, Kentucky Soybean Board, Griffin Industries, Kentucky Farm Bureau, Murray State University (MSU) and the UK College of Agriculture. The Showcase celebrated Kentucky's 1,100 percent increase in biodiesel consumption over the previous year. The Biodiesel Showcase for 2005 will be February 8, 2005, in Frankfort.

Nine Kentucky school systems run 600 buses on biodiesel. Mammoth Cave National Park uses biodiesel in all of its heavy equipment and lawn tractors, using more than 10,000 gallons of biodiesel annually. Carmeuse Lime Mines, which are two of the nation's largest lime mines and are located in Maysville and Butler, operated more than 150 pieces of underground equipment on biodiesel.

East Kentucky Power Cooperative uses more than 25,000 gallons of biodiesel a year in its trucks and equipment, and MSU and UK use biodiesel in their fleets. Fort Campbell military post in Christian County has begun logistical work to introduce both biodiesel and ethanol into their fleet. In addition, the following governments or groups are using biodiesel in their vehicles: Livingston County, Christian County, Union County, City of Hopkinsville, City of Morganfield, Kentucky State Resort Parks, Louisville Metro Parks, Nally & Gibson Mining (in Georgetown) and Bernheim Arboretum and Research Forest. Also, farmers across Kentucky use biodiesel in their farming equipment.



***A customer pumps a tank of biodiesel at a gas station owned by Lykins Oil in Hebron, Ky.***



### **Biodiesel infrastructure grants**

KDOE has been working with KCFC and petroleum marketers across the Commonwealth to build a more robust biodiesel supply infrastructure.

KDOE awarded two grants, totaling over \$128,000, from the U.S. DOE to support the creation of a biodiesel delivery and storage infrastructure in Kentucky. One grant, with Seay Oil Company, will help support additional storage facilities at their Hopkinsville and Paducah terminals.

The other grant is with Bonfield Brothers, Inc. in Mount Sterling, Kentucky, and Home Oil & Gas Company in Morganfield, Kentucky. Bonfield will install a 10,000-gallon above ground storage tank for B100 (100% biodiesel). Home Oil will also install an additional storage tank and ancillary equipment to store B100 on-site. The grant will help both improve availability and reduce transportation costs for biodiesel customers in Western Kentucky.

### **Kentucky bioenergy tours**

The UK College of Agriculture was awarded a \$25,000 Southern States Energy Board grant to host and conduct tours of Kentucky's ethanol and biodiesel refineries. These tours will help legislators and senior level government and industry decision makers better understand the importance bioenergy can have in the Commonwealth. As part of the grant, the college is developing a virtual tour of Kentucky's ethanol and biodiesel refineries and the virtual tours will be distributed on compact disk. The first virtual tour will be of a biodiesel refinery and will premiere during the 2005 Biodiesel Showcase in February.

### **Helping Kentucky's aluminum industry**

KDOE continues to work closely with Secat, Inc. to bring energy efficiency technologies to the aluminum industry and other energy intensive Kentucky industries. Secat, Inc., established in 1999 at the University of Kentucky's Coldstream Research

campus, is a research, development and testing company dedicated to the needs of the Kentucky aluminum and automotive industries.

Secat, Inc. manages multiple federal contracts from U.S. DOE by creating a consortium of related aluminum companies to meet common challenges. The current value of these research contracts exceeds \$25 million and the contracts address ways to improve industrial energy efficiency.

In 2004, Secat, Inc. was awarded a \$2.7 million grant to research the transmission of hydrogen using natural gas pipelines. The contract brings together research and development organizations, thin film technology companies, Columbia Gas of Kentucky and universities.

Secat, Inc. and UK's Gatton College of Business & Economics established the Sloan Center for a Sustainable Aluminum Industry in October 2004. The Center, which is housed at UK, receives research funding from a variety of sources, including funding from the Sloan Foundation and the aluminum industry.

### **Fuel from mining and timber waste**

KDOE is working with UK's Department of Mining Engineering and Center for Applied Energy Research to help the coal and timber industries capture their waste materials and turn them into premium fuel. UK is in its final year of a three-year U.S. DOE SEP grant for premium fuel. The grant provided \$501,000 for research and the project will conclude with an economic analysis on the waste to fuel initiative. The analysis will be completed early next year.

### **Kentucky Rural Energy Consortium**

KDOE, UK College of Agriculture, U of L, Kentucky Farm Bureau and 12 other partners are seeking to establish a consortium for the advancement of research, development and deployment of

renewable energy and energy efficiency technologies and practices of importance to Kentucky agriculture, rural communities and related industries. The consortium will support research and development and further the deployment of technologies and outreach activities utilizing the capabilities of the consortium partners. The consortium will work to build public-private partnerships that support Kentucky's rural communities through the wise use of energy.



**Joshua Bills, coordinator of the Ky. Solar Partnership, kneels next to the solar system on the office of Appalachia-Science in the Public Interest (ASPI).**

### **Net metering in Kentucky**

In March 2004, the General Assembly passed Senate Bill 247, sponsored by Sen. Ernie Harris, which authorizes net metering. Net metering is a special metering and billing agreement between utilities and their customers that allows a customer's meter to run backwards when the solar panels are producing more power than is being consumed.

Thirty-seven other states have adopted net metering laws, with some states having financial incentives to encourage small-scale renewable energy systems. Connecting these small generating systems to the nation's electrical grid can help offset the large demand for energy during peak times, decrease the need for utilities to build more power plants and lessen the likelihood of blackouts during peak demand hours.

### **Bluegrass Energy Expo**

The first Bluegrass Energy Expo was

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held October 16 – 17 at the Lexington Convention Center. The event was designed to bring together



energy focused people and organizations representing the business, education, government and nonprofit sectors to educate the citizens of Kentucky about energy issues and connect consumers with vendors of energy-efficient technologies. Over 70 exhibitors participated and approximately 890 citizens attended the two-day event.

The event kicked off with remarks from Lexington Mayor Teresa Issacs. The expo was organized by Appalachia – Science in the Public Interest and the Kentucky Solar Partnership and sponsored by the KDOE, Lexmark, Sylvania and Insignia.

#### **KDOE/KPPC E2 Partnership**

KDOE and the Kentucky Pollution Prevention Center (KPPC) have partnered to establish the Kentucky Energy Efficiency (E2) Initiative to help Commonwealth businesses reduce operating costs through energy management.

The partnership reduces the environmental impact of energy consumption in Kentucky by diffusing the best available E2 technology throughout the state's business community.

KPPC is affiliated with the University of Louisville (U of L), and it began providing energy efficiency audits in 2000. Sixteen audits were performed this year, in addition to the 21 per-

formed between 2000-2003, resulting in thousands of dollars saved in utility bills. Audits have been conducted in businesses, schools, municipalities, state and federal buildings and factories. One company's bill was cut by \$100,000 a year.

University co-op students have been involved in conducting energy audits. Not only does this benefit the auditors, but it also gives students a real-world perspective on how energy efficiency can compliment business profitability, as well as help the environment.

**In 2004, KPPC conducted 16 energy audits, which found over \$700,000 in annual savings.**

#### **KDOE & Lexington-Fayette Urban County Government**

In 2003, the Lexington-Fayette Urban County Government (LFUCG) formed an energy team as a result of a KDOE sponsored energy management workshop. Since its formation, energy conservation measures have been taken and substantial savings are being realized. The team developed an energy management plan and obtained senior-level management support. Occupant education and awareness is ongoing and feedback has been very positive. LFUCG has taken advantage of the KPPC audit program by having several of its facilities audited. These audits identified measures that will save tax dollars for years to come.

LFUCG is considering upgrading some of its facilities through an energy savings performance contract (ESPC). ESPC's are arrangements that allow building owners to pay for equipment upgrades with the utility savings from the operation of more efficient equipment. LFUCG is also a U.S. DOE Rebuild America partner. This partnership gives it access to technical and educational resources.

#### **U.S. Green Building Council in Kentucky**

The U.S. Green Building Council is the nation's foremost coalition of leaders from across the building industry working to promote buildings that are environmentally responsible, profitable and healthy places to live and work. In 2004, KDOE worked with Kentucky architects, engineers, HVAC (heating, ventilation & air conditioning) equipment suppliers and others to establish a Kentucky Chapter of the council.

The Kentucky chapter helps achieve the Division's goals by providing information to building design professionals that will help them keep abreast of the latest developments in designing the best possible buildings with the resources available to them.

The council's Leadership in Energy and Environmental Design (LEED) program is a Green Building Rating System™ that is a national standard for developing high-performance, sustainable buildings. One of the first goals of the Kentucky chapter is to organize a LEED training conference in Kentucky.



**A community workshop outlining energy management programs for local governments was held in Frankfort.**

#### **Community workshops**

In May of 2004, KDOE partnered with KPPC, the Kentucky League of Cities, Frankfort City Government and the Franklin County Fiscal Court, to present a workshop outlining the value of energy management programs in local governments. The workshop was held in Frankfort and was attended by 37 managers repre-



**On-site assessments are the cornerstone of the KPPC-KDOE partnership.**

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senting various communities throughout Central Kentucky.

Topics covered at the workshop ranged from developing an energy management plan to working with resources such as Rebuild America, as well as using an ESPC when renovating and upgrading existing buildings.

Communities represented at the workshop included Frankfort, Lexington, Louisville, Mount Sterling, Lawrenceburg and Winchester.

### **Performance contracting education outreach**

The Kentucky Division of Energy is providing SEP funding for KPPC to develop a 30-minute video on energy savings performance contracting to help schools, universities and state agencies. The project will help decision makers understand performance contracting. In addition to the video, KPPC will host workshops next year to help these agencies initiate energy savings performance contracts. The total project funding represents nearly \$97,000 to KPPC and U of L.

### **Workshops promote energy-efficient home construction**

KDOE sponsored 11 one-day workshops, conducted by nationally recognized Southface Energy Institute, on building high-performance homes. The workshops were attended by Kentucky architects, builders, building code officials, engineers and others. The workshop focused on the practical aspects of energy-efficient construction, such as controlling air infiltration and preventing moisture problems with an energy-efficient thermal envelope.

Diagnostic testing of new and existing homes was explained, and participants learned how to use simple software that models a home's energy efficiency. The workshops acquainted builders with the current requirements of Kentucky's building energy codes, and showed them cost-effective strategies to exceed it.



**Installing insulation, such as foam board around crawl spaces, will significantly reduce energy consumption in a home.**

### **Energy Savings Performance Contracting**

ESPC helps pay for building upgrades and modernization projects through the savings generated from improved energy system performance. With shrinking capital budgets, increasing energy prices and improved technologies, along with guaranteed savings offered by energy service companies, ESPC plays a vital role in improving energy efficiency throughout state government. Nine state agencies have implemented ESPC projects and collectively are saving over \$2.3 million annually. These savings are being used to finance the building upgrades. During the past 18 months, 11 school districts have initiated ESPC projects totaling almost \$20 million to improve their school facilities.

**Over \$2.3 million in annual savings are helping finance facility upgrades in nine Kentucky government agencies.**

### **Kentucky Energy Services Coalition**

The Kentucky Chapter of the Energy Services Coalition (ESC), now in its third year, continues to navigate the ESPC waters in Kentucky. The KESC is an extension of the national non-profit organization that promotes energy efficiency through ESPC across

the country. Its members include a network of experts at the state and local level to help identify and resolve barriers to projects. KDOE serves as co-chair of the coalition and represents the interests of state and school agencies.



**A "blower door" test provides an accurate indication of how much heated or cooled air is escaping around doors and windows.**

### **New-home construction survey**

KDOE, in partnership with Cinergy, Project Warm and Energy Rated Homes Midwest, is completing a survey of 160 homes to determine the energy efficiency of new residential construction in Kentucky. The data collected will help establish a new-home energy-efficiency baseline in Kentucky and enable KDOE to provide focused energy training on residential construction practices.

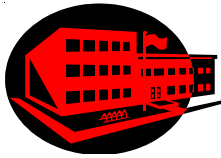
### **Kentucky energy code adoption**

SEP funding, awarded in October 2004, will support Kentucky Energy Code adoption and training in 2005. KDOE, in partnership with the Ky. Office of Housing, Buildings and Construction Division of Building Codes Enforcement, Home Builders Association of Northern Kentucky and Southface Energy Institute of Atlanta will host approximately 11 workshops across Kentucky. These workshops will help builders, architects and engineers better understand the International Energy Conservation Code.



### **KDOE supports energy managers in schools**

In its efforts to help Kentucky schools reduce their energy costs and improve indoor environments, KDOE secured grant funding for two energy managers, one for Fayette County Public Schools (FCPS) and one within the Department of Education for all Kentucky schools.



The primary goal for the FCPS energy manager is to reduce energy usage by 25 percent over the next five years. Last school year the district spent more than \$6 million for energy. During the first year, the FCPS achieved over \$90,000 in savings and cost recovery from corrected utility bills.

The energy manager for the Kentucky Department of Education (KDE) wants to reduce Kentucky schools' annual energy bills of \$113 million. KDE is beginning with a pilot project focusing on 10 school districts, looking first at improvements that have no cost, such as turning off lights, shutting down computers and adjusting temperatures after work hours. For these first 10 districts, KDE started training maintenance and data managers to use a Web-based program that tracks their utility costs.

### **Kentucky Energy Conference**

Kentucky NEED - the state's affiliate of the National Energy Education Development program - hosted its third annual Kentucky Energy Conference for Educators in June. This one-week traveling conference introduced 19 Kentucky teachers and administrators to the NEED program and included visits to energy sites in Eastern Kentucky. Trips in 2004 included a visit to an East Kentucky Power Company landfill gas operation and the Daniel Boone National Forest to see how utility companies and the forest service collaborate. KDOE helped sponsor this event, along with other energy industries.



**A solar panel at Marshall County Schools in Benton, Kentucky.**

### **Solar Kentucky schools**

Several Kentucky schools are participating in a solar energy project, the "Kentucky Schools Going Solar" program. Solar panels mounted on school buildings provide energy from the sun, while a computer collects data from the panels. Kentucky participants are Marshall County High, Letcher County High, Pendleton County schools and Poage Elementary in Ashland, as well as the Louisville Nature Center and the Campbell County Environmental Education Center.

Data on the electricity generated, weather conditions and other information, is automatically fed into a computer program. It can then be used by students to compare their data to similar data collected by students around the world. Schools not participating in the program can also access this information.

The photovoltaic solar panels were donated by American Electric Power, and funding for the installation of the panels was provided by KDOE with Kentucky NEED serving as educational manager.

**A 10 percent savings on our K-12 public schools' energy bill is \$11.3 million available for other needs.**

### **NEED workshops across Kentucky**

In the fall, 15 student/teacher workshops were conducted statewide. Two hundred and five teachers and 1,030 students attended these workshops, receiving materials and training to implement NEED programs in their classrooms and communities.

Kentucky NEED is successful with the support of the following sponsors:

- KDOE
- Cinergy/Union Heat Light & Power
- American Electric Power
- Equitable Foundation; Kentucky River Properties, LLC
- Kentucky Oil & Gas Association
- DART Foundation
- Kentucky Propane Education & Research Council
- KCFC



**Greg Guess, KDOE's Assistant Director, addressed students at the Ky. NEED sponsored Solar Celebration held at Poage Elementary in Ashland, Ky.**

### **Kentucky NEED - State of the Year**

In June, Kentucky NEED was designated as State of the Year for NEED at a ceremony in Washington D.C. Kentucky demonstrated its leadership by hosting workshops, conferences, projects and building partnership across the state with educators, students, utilities, energy companies and government agencies.

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Also during this national ceremony, June Buchanan School in Pippa Passes received School of the Year/Junior Level and Harrison County High School in Cynthiana received School of the Year/Senior Level. At the Elementary Level, Southern Elementary School in Falmouth was recognized for excellence.

### **High performance school workshop**

In May, KDOE and Kentucky NEED presented the second high performance school workshop for school

superintendents and facility planners, school board members, engineers, architects, and others. More than 150 attended the two-day event to learn how high performance facilities improve student and teacher performance while reducing energy use and operating costs.

These workshops have helped Kenton County School District design and begin construction on a high performance school building, the new Twenhofel Middle School. This facility will include daylighting, a so-

lar photovoltaic system, energy classrooms, a geothermal HVAC (heating, ventilation and air conditioning) system, rainwater harvesting, and building commissioning during and upon completion of construction. These measures are expected to decrease the energy consumption of the school by up to 30 percent over comparable facilities.



*The new Twenhofel Middle School in Kenton County will be approximately 111,000 square feet and will include 39 classrooms, a library, administration suite, commons, gymnasium, kitchen and specialty areas.*

### **Grant opportunities**

KDOE can help partners obtain grant funding from a variety of sources including the State Energy Program (SEP), SEP special projects, U.S. DOE Atlanta Regional Office Omnibus projects and U.S. DOE's National Energy Technology Laboratory.

Each funding opportunity has specific requirements, and not all grants require a match.

### **"Kentucky Energy Watch"**

KDOE's newsletter is a weekly compilation of national and state energy news, including an update of energy prices, that helps state leaders assess energy trends throughout the year. A special issue in October provided tips for facilities managers to reduce their natural gas consumption.

"Kentucky Energy Watch" is provided by e-mail in Word format and on the division's Web site at [www.energy.ky.gov/events/kyenergywatch/](http://www.energy.ky.gov/events/kyenergywatch/).

### **Energy-related publications**

Publications on a wide range of energy-related subjects are available to the public. Most can be accessed online at [www.energy.ky.gov/publications/](http://www.energy.ky.gov/publications/).

### **Web site**

Information on energy issues--from weatherization tips for homeowners to ENERGY STAR to a list of upcoming events and meetings--is available on KDOE's Web site at [www.energy.ky.gov](http://www.energy.ky.gov).

### **Kentucky Division of Energy**

#### **Staff**

KDOE staff includes a director, seven program managers and two administrative assistants.

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